

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB10295 - Goat Anti-PSMB4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HN3, HsN3, macropain beta chain, multicatalytic endopeptidase complex beta chain, PROS26, proteasome (prosome, macropain) subunit, beta type, 4, proteasome beta 4 subunit, proteasome beta chain, proteasome chain 3, proteasome subunit HsN3, PSMB4 Official Symbol: PSMB4 Accession Number(s): NP_002787.2 Human GeneID(s): <u>5692</u> Non-Human GeneID(s): 19172 (mouse), 58854 (rat)

Immunogen

Peptide with sequence C-QIATVTEKGVE, from the internal region of the protein sequence according to NP_002787.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum

albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

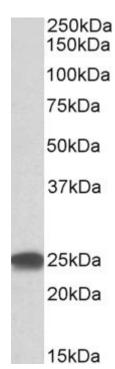
Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 25kDa band observed in lysates of cell lines NIH3T3, HEK293, HeLa, Jurkat and K562 (calculated MW of the mature protein 24.3kDa according to aa46-264 of NP_002787.2). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

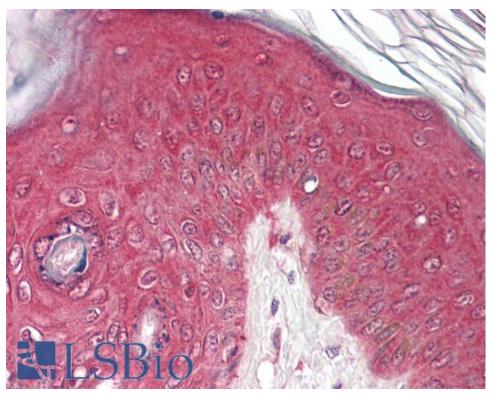
IHC: Paraffin embedded Human Skin. Recommended concentration: 3.75µg/ml.

Species Reactivity

Tested: Human, Mouse Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB10295 (0.3µg/ml) staining of HEK293 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB10295 (3.75µg/ml) staining of paraffin embedded Human Skin. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.